

The SKYHOOK



HOLIDAY CITY AMATEUR RADIO CLUB

www.hcarc.us

October 2024

Toms River, NJ

Our President's Message



Whenever amateur radio operators (hams) get together their conversations may cover a variety of topics. This occurs because our hobby encompasses many areas of interest. Making contacts around the world, emergency preparedness, building equipment, and talking to the International Space Station (ISS) are a few of topics discussed.

Additionally, amateurs are often sought to provide assistance by supplying data during solar eclipses and assistance in the prediction of hurricanes and tornadoes. This scientific involvement is a valuable resource to the government and the scientific community.

Our October meeting will feature a presentation on the ways our hobby is engaged in science. Maybe you can offer any of your experiences you have had with the scientific portion of our hobby.

Doug Poray KC2TZC

Fox Hunt



HCARC is scheduling another hidden transmitter hunt starting at 10:00 am Wednesday October 23.

Happy Birthday To:

- Larry Puccio K2QDY
- Bob Wilson KA2WPL
- Kathleen Kozakiewicz
- Candice Larkins
- Harriet LeFevre



Happy Anniversary To:

- Ray & Kathleen Kozakiewicz
- Larry & Janice Loscalzo



OUR NEXT REGULAR MEETING:
Thursday October 3rd at 7:00 PM
Holiday City South Clubhouse A
Santiago Drive at Mule Road

Ocean County ARES® News

October 2024

The 2024 Simulated Emergency Test (SET) will take place on Saturday, October 5th. The SET will be state wide involving SNJ and NNJ ARES teams. Ocean County will be limited to one shelter location to assist an OEM agency. All Red Cross shelters will be in NNJ. Ocean County ARES Assistant Emergency Coordinator, KD2FFR (Glen), will be managing the OEM shelter. Any operators interested in assisting Glen at the shelter location should contact KD2FFR ASAP and let him know you can help. The SET should be under five hours in length.

For the past year, I've spent a considerable amount of time as a member of the Ocean Gate Historical Society, maintaining donated exhibits and general maintenance work. Throughout the summer, I spend almost every Saturday morning at the Ocean Gate Museum, which includes the original Ocean Gate Railroad Ticket Office, Pearl Green Museum and the Ed Beck Caboose Museum. Every Saturday during the summer the museum is open from 10:00 AM until Noon. Located at the corner of Asbury Ave and East Cape May Ave, the museum has many artifacts of the past including radio, the AT&T building, railroad gear and Ocean Gate in general. Stop by and get a guided tour of the facility.

This past Saturday was especially memorable to me because a ham radio operator showed up and demanded the return of a Hammarlund short-wave radio he donated to the museum nearly 20 years ago. I will not mention who he was, but provided sufficient proof that he was the person who donated the radio. It was an embarrassing situation for everyone working there (we are all volunteers) and for me personally, it gave ham radio a black eye.

To fill the void in the museum, Ocean County ARES will be donating an operating short-wave radio to the museum at the end of this month. Below is a copy of the info sheet attached to the radio:

HALLICRAFTERS SX-110
SHORTWAVE RECEIVER,
SERIAL #44825

CIRCA 1959

DONATED BY OCEAN
COUNTY AMATEUR
RADIO EMERGENCY
SERVICE INC.

Robert J. Murdock Sr.
President



I only bring this subject up because if you are ever in a situation where you donated an item and wanted it returned, please contact the museum curator first and explain your intent and make an appointment. Do not spring a thing like this on volunteers trying to make life better for a community.

73 de WX2NJ

Bob Murdock

Ocean County Amateur Radio Emergency Service® EC

Ocean County ARES Training Nets And Meetings

Net Schedule A: 1st, 3rd, and 5th (if needed) Wednesday every month except during meetings (see "Meetings", below):

7:30pm 145.170 MHz, 8:30pm 449.825MHz

Net Schedule B: 2nd and 4th Wednesday of every month:

7:30pm 449.825 MHz, 8:30pm 145.170 MHz

Meetings:

7:00 am on 3rd Wednesdays of even-numbered months (Feb, Apr, Jun, Aug, **Oct**, & Dec).

Help Wanted

I'm looking for someone who might like to become the next editor of SKYHOOK. The requirements are:

1. to have a computer that can connect to the Internet to receive and send messages and files
2. willing to install software needed to produce these eight-page newsletters
3. willing to consider accepting the responsibility of assembling a SKYHOOK every month
4. able to leap tall buildings in a single bound (well, maybe not actually required)

If that sounds like something you would like to try, please contact me.

John Roberts KQ4WR

SKYHOOK Editor

Our Volunteer Examiner Crew

Larry [K2QDY](#) (Liaison) 732-349-2950,

John [KQ4WR](#), Stan [KB2PD](#),

Steve [N2WLH](#), Michael [WA2CWX](#)

*License exams are given by appointment at 6:45pm on the first Wednesday after each HCARC meeting at Holiday City South Clubhouse Bldg A, which is at the corner of Mule Rd. and Santiago Dr. **Call Larry Puccio, [K2QDY](#), at 732-349-2950 for an appointment.***

Directions: From either Route 37 W or Davenport Road, take Mule Road to Santiago Drive. Clubhouse A is the building nearest the street corner.

Holiday City Amateur Radio Club

Toms River, New Jersey

Web Site www.hcsrc.us

President	Doug Poray	KC2TZC	732-928-2316
Vice President	Steve Jackson	N2WLH	732-255-7916
Secretary	John Perry	KD2NDY	732-349-2705
Treasurer	Larry Puccio	K2QDY	732-349-2950
Program Chair	Carl Lee	W2PTZ	732-575-7558
Skyhook Editor	John Roberts	KQ4WR	732-350-1162
W2HC Trustee	Larry Puccio	K2QDY	732-349-2950

Membership is open to all interested persons. Ham license is not required. Dues are \$25.00 per year, payable Jan 1st. Members joining during the year will have the dues prorated. Family membership \$30.00 per family.

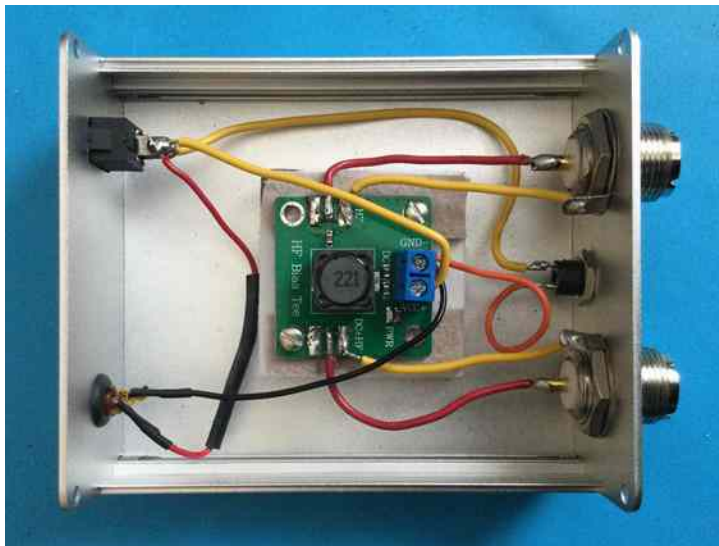
Meetings are held at 7:00 pm on the first Thursday of every month except December.

Location: Meeting Room #1 in Holiday City South Clubhouse.

Directions: From either Route 37 W or Davenport Road, take Mule Road to Santiago Drive. Turn into the parking lot from Santiago Drive, park near the pool. Enter Building A (the building nearest the street intersection).

Newsletter: The SKYHOOK is the HCARC's official newsletter, circulation about 75. Original articles and photos are appreciated. Editor is John Roberts, [KQ4WR](#), 732-350-1162.

Remote Antenna Tuner With Bias Tee



Bias Tee in the shack.



Illustration 1: AT-100 and Bias Tee temporarily hot glued to a plastic cutting board. Temporary wooden support is for a power reset button and OLED display.

After completing the AT-100 antenna tuner project I used at Field Day and seeing how well it worked, I decided to build a second one to match a 42 foot vertical I have in my back yard.

The next problem I had was how to supply power to the remote tuner. Initially I powered it with a battery to make sure it would work tuning all the bands with the antenna. It did, so now I had to find a way to power it without using a battery.

During the construction of this tuner I added a "Bias

Tee" board. I placed the tuner and bias tee in a plastic ammo can that was supposed to be waterproof but after initially submerging it in a sink full of water found that there was just as much water in the ammo can than was in the sink.

I sealed the box as well as I could but left a couple vent holes in the top and located it at the base of my 42 foot vertical. I wanted to match the antenna without taking into account for the 125-150 foot coax run.



Remote tuner located at the base of the antenna for testing purposes. Upgrades in the future.

The way a Bias Tee works is to supply DC power for the antenna tuner via the RF coax run from the shack, while blocking that current from traveling back to the radio. The DC power supplied to the bias tee in the shack travels through the coax (along with the RF signal) to the second bias tee where it is pulled off to power the remote AT-100 in the ammo can.

This is a project I've thought about for some time and now it works just fine. By the way, I placed a plastic bucket over the ammo can to keep it dry and will replace the plastic ammo can with a more appropriate enclosure soon.

Steve Jackson

N2WLH

My Introduction To Ham Radio

by Mike Larkins, WA2CWX

Like many of us, my introduction in radio was SWL'ing and listening to distant stations and collecting QSL cards from them. However, my interest actually started before I knew anything about radio by visiting Cortlandt Street (Radio Row) in NYC during my pre-teenage years with my grandfather many times in the late 50's and early 60's. I was amazed to see the different radios and the parts displayed throughout the many stores.

About this time, while living in a tenement building in Hoboken, my father brought home my first SW radio, a Hallicrafters S-120. Although I had played with walkie talkies with my close friends, this was my first "real" radio. Because of my limited space, my father and I put up a longwire antenna on the roof of the building and my DX'ing started. Back in the early 60's there seemed to be lots of strong stations I could hear and my interest was peaked.

Shortly thereafter, my grandfather, who was an immigrant from The Netherlands and lived across the street from us, purchased a Zenith Trans-Oceanic radio. I remember spending much time listening to Radio Nederland (The Happy Station) in both English and Dutch and found it very exciting. I still did not know anything about sending reception reports or the WRTV

Handbook, which became very handy in later years.

In 1965, we moved to West New York into a small house and I was able to acquire a better SW radio (can't remember model) and found a friend (Lou) in my new high school with similar interest. I spent many hours listening and sending out reception reports, competing for who could receive QSL's from the most countries.

This went on until 1967 when I met a teacher, Murray Strober, in my high school who was a ham radio operator. This is where my interest in ham radio started.

He explained to Lou and me the hobby and even taught me how to learn the code in a quick manner. Lou and I studied for the Novice test and after visiting a local ham, WB2QVP, who operated a Swan 350 with a beam, I was ready to jump in as quickly as possible.

He gave me the test and I received my first license in Feb, 1968. My call was WN2CWX and I have kept the call ever since.

I put up a 40 meter dipole and used a Drake 2-NT transmitter with crystals and eventually a Drake 2-C receiver. My first contact was with WB2QVP and my ham radio career started.

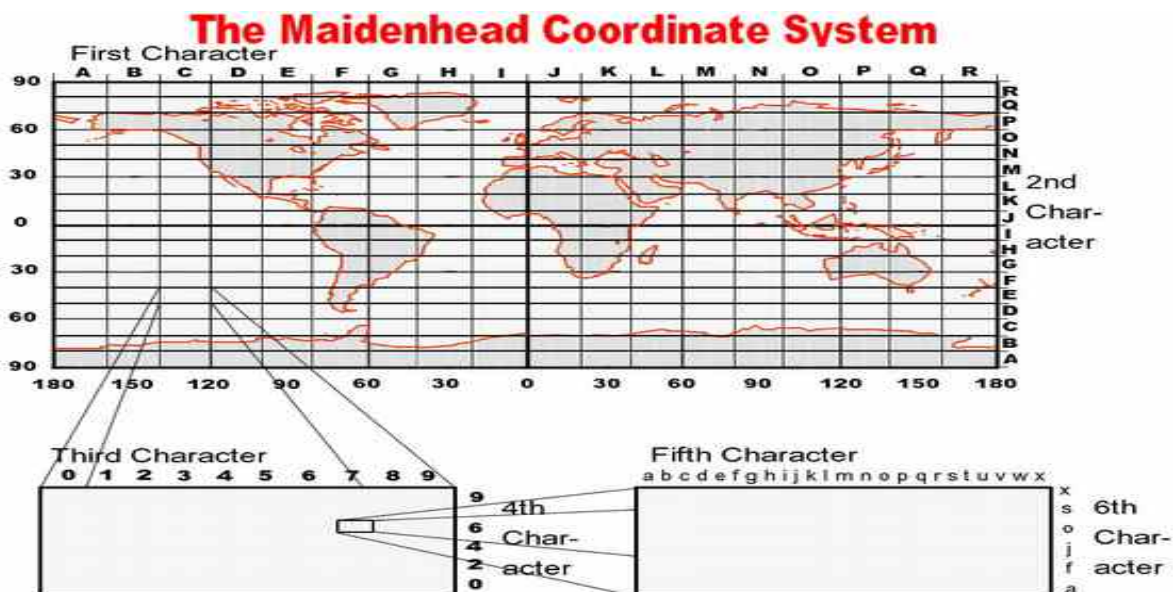
I will write how I progressed over the years in a later issue of Skyhook.

Mike Worked:

Date	Time	Country	Call	Band	Freq MHz	Mode	LOC	Miles	Dir
2024/08/25	17:17	USA	W0K	15	21.337	SSB	EM29nt	1091	W
2024/08/25	19:16	USA	W0Y	15	21.331	SSB	EM18ha	1245	W
2024/08/25	19:18	USA	W0N	15	21.303	SSB	EM17is	1245	W
2024/08/25	19:48	Bosnia-Herzegovina	E77DX	20	14.27	SSB	JN84ix	4390	NE
2024/08/29	04:01	Sweden	SM40TI	40	7.009	CW	JP701r	3837	NE
2024/08/29	04:03	Italy	IK1YDB	40	7.015	CW	JN44m1	4079	NE
2024/08/30	03:35	Czech Republic	OL66EF	40	7.017	CW	JO70gh	4122	NE
2024/08/31	03:31	St Paul I. NA-094	CY9C	40	7.023	CW	FN97wf	864	NE
2024/09/01	03:32	Hungary	HA8RM	40	7.007	CW	JN96uw	4442	NE
2024/09/02	03:26	Belgium	OP5K	40	7.018	CW	JO20lw	3722	NE
2024/09/04	18:46	Italy	IK4GRO	10	28.425	SSB	JN54mn	4163	NE
2024/09/04	18:48	Spain	EA1I	10	28.43	SSB	IM87gk	3714	ENE
2024/09/04	18:53	Italy	IZ6BXV	10	28.413	SSB	JN62ks	4304	NE
2024/09/04	19:49	Spain	EG7SDC	15	21.31	SSB	IN80dj	3615	ENE
2024/09/18	03:22	Cuba NA-015	CO8LY	40	7.005	CW	FL20ca	1380	S
2024/09/21	13:19	Finland	OG66X	15	21.024	CW	KP24ho	4007	NNE
2024/09/21	13:21	Sweden	SK3W	15	21.017	CW	JP80jh	3905	NE
2024/09/21	18:52	Aland Is EU-002	OH0V	15	21.024	CW	JP90we	4005	NE
2024/09/21	18:55	Finland	OG6K	15	21.006	CW	KP22td	4113	NNE
2024/09/21	18:57	Finland	OG9X	15	21.036	CW	KP32fq	4118	NNE

Larry Puccio K2QDY Worked:

DATE	TIME	FREQ	MODE	CALLSIGN	ENTITY	IOTA	LOC
5/25/2024	21:54	14.055	CW	HG24TISZA	Hungary		KN07u1 4501 NE
5/25/2024	21:55	14.056	CW	II4M	Italy		JN62ks 4304 NE
5/25/2024	22:03	14.057	CW	DL4UNY	Germany		JN58ve 4079 NE
5/25/2024	22:08	14.001	CW	LZ5R	Bulgaria		KN22ie 4830 NE
5/25/2024	22:10	14.029	CW	HA8T	Hungary		KN07na 4495 NE
5/26/2024	15:47	21.025	CW	9A5D	Croatia		JN92bp 4535 NE
5/26/2024	15:52	28.025	CW	PA40	Netherlands		J033gh 3726 NE
5/26/2024	15:54	28.023	CW	EA6T	Balearic Is	EU-004	JM29du 4011 ENE
5/26/2024	15:56	28.021	CW	PY4HO	Brazil		GG78mr 4629 SSE
5/26/2024	15:58	28.020	CW	VE3EJ	Canada		FN03ed 355 NW
5/26/2024	16:00	28.018	CW	PX2A	Brazil		GG66se 4753 SSE
5/26/2024	16:04	28.017	CW	XM3R	Canada		FN04jm 404 NW
5/26/2024	16:07	28.016	CW	PS2E	Brazil		GH49eq 3761 SSE
5/26/2024	16:10	28.011	CW	PT5J	Brazil		GG52kh 4942 SSE
5/26/2024	16:13	28.010	CW	EA5EL	Spain		IM98pc 3828 ENE
5/26/2024	16:17	28.006	CW	EA5GX	Spain		IM99wv 3801 ENE
5/26/2024	16:25	28.027	CW	8P5A	Barbados		GK03ef 2048 SSE
5/26/2024	16:27	28.031	CW	IP9T	Italy		JM67ss 4514 ENE
5/26/2024	16:34	28.031	CW	D4Z	Cape Verde		HK76mu 3338 ESE
5/26/2024	17:15	28.033	CW	CR6K	Portugal		IN50ru 3370 ENE
5/26/2024	17:18	28.035	CW	ED4J	Spain		IN80dj 3615 ENE
5/26/2024	17:20	28.037	CW	DP9A	Germany		J061ls 4015 NE
5/26/2024	17:22	28.037	CW	IP9T	Italy	EU-025	JM67ss 4514 ENE
6/27/2024	20:58	21.017	CW	EZ0T	Turkmenistan		?
7/31/2024	21:01	14.013	CW	GM0LIR	Scotland	EU-005	I085as 3275 NE
8/3/2024	00:03	14.017	CW	CX5UA	Uruguay		GF26ts 5210 SSE
8/3/2024	00:15	14.013	CW	NP4C	Puerto Rico	NA-022	FK78bk 1567 SSE
8/3/2024	02:28	14.033	CW	UT7LW	Ukraine		KN59rb 4803 NE
8/3/2024	02:31	7.018	CW	OP5K	Belgium		J020lw 3722 NE



Some DX Opportunities

Opportunities shown in alphanumeric order of callsigns.

Mode codes: 3 = PSK31, 4 = JP4, 8 = JT8, C = CW, D = "digital", F = FM, O = Olivia, R = RTTY, S = SSB, T = Image (SSTV)

Many thanks to Bill Feidt NG3K for ADXO. Also to Wikipedia, the ARRL, the RSGB, DX World, The Daily DX & QRZ.com.

START	FINISH	ENTITY	PFX	CALLSIGN	IOTA	BANDS	MODES	QSL via	LOC	MILES	DIR	INFO by
2024 Sep16	2024 Oct20	Haiti	HH	4V1SAVANNAH	NA-096	all			FK38tx	1453	S	SJDXA
2024 Oct25	2024 Nov09	Eswatini	3DA	3DA0DL		80-10m	C S D	DL7UFR LoTW	KG53p1	8152	ESE	DXW.Net
2024 Aug17	2024 Aug30	Timor Leste	4W	4W/VK2MET	OC-148	40-10m	C 8	LoTW	PI21sk	9942	NW	DXW.Net
2024 Sep18	2024 Oct06	Tanzania	5H	5H1WX	AF-054	80-10m	C S D	I8KHC	KI92wh	7826	E	DXW.Net
2024 Oct10	2024 Nov11	Tanzania	5H	5H3MB		80-10m	S C D	LoTW IK2GZI	KI71gc	7600	E	425DXN
2024 Oct23	2024 Nov06	Madagascar	5R8	5R8WE	AF-057	40-10m	C S 8	OQRS ClubLog	LH46cr	8507	E	DXW.Net
2024 Oct23	2024 Nov06	Madagascar	5R8	5R8CI	AF-057	40-10m	C S 8	OQRS ClubLog	LH46cr	8507	E	DXW.Net
2024 Oct03	2024 Oct10	Samoa	5W	5W0TE	OC-097	40-10m	C s 8	LoTW ZL4TE	AH36sg	7250	W	TDDX
2024 Oct23	2024 Nov06	Jamaica	6Y	6Y/G0RNU	NA-097	40-6m	S D	eQSL	FK18mj	1498	S	TDDX
2024 Oct24	2024 Nov02	Malawi	7Q	7Q1		all	all	EA7FTR	KH66vb	7778	E	DXW.net
	2024 Nov01	Maldives	8Q	8Q7JM	AS-013			BG4JMI	MI69oj	9028	NE	ARLD031
2024 Oct12	2024 Nov24	Guyana	8R	8R1TM		80-10m	C S D	LoTW PY1SAD	GJ06vs	2497	SSE	TDDX
	2024 Dec31	Croatia	9A	9A100RKZ				9A1ADE	KM64lo	5506	NE	ARLD004
2024 Sep24	2024 Oct04	Botswana	A2	A25AO		80-6m	C S 8	HA5AO OQRS	KH22ox	7454	E	DXW.Net
	2024 Nov13	India	VU	AT78I		80-10m	C S	VU2JOS	ML88pq	7349	NNE	ARLD031
2024 Oct10	2024 Oct29	Nauru	C2	C21MM	OC-031	160-6m	C S 8 R	OQRS	RI391l	7735	WNW	DXW.net
2024 Oct17	2024 Oct24	Mozambique	C8	C91BV		40-6m	C S 8	EB7DX	KG65ji	8159	E	DXW.net
	2024 Dec31	Philippines	DU	DU3/F4EBK	OC-042	20-10m		F4EUO	PK04kw	8515	NNW	ARLD024
	2024 Dec31	Armenia	EK	EK/RX3DPK		160-10m	8	RX3DPK	K085vt	4716	NE	ARLD001
2024 Oct17	2024 Oct23	Svalbard	JW	JW/DK1VK	EU-026	160-10m	S	DK1VK	JQ78cb	3505	NNE	DXW.net
2024 Oct09	2024 Oct14	Svalbard	JW	JW5X	EU-26		S	LA5X	JQ78tf	3523	NNE	DXW.net
2024 Sep29	2024 Oct01	Guam	KH2	KH2/JH3DJX	OC-026	40-10m	C 8	JH3DJX Buro	QK23jm	7967	NW	TDDX
2024 Aug18	2024 Aug24	Market Reef	OJ	OJ0JR	EU-053	40-10m	8 C	LoTW	JP90nh	3978	NE	TDDX
2024 Sep28	2024 Oct07	Reunion	FR	T02DX	AF-016	80-10m	C D	OM2DX	LG78ox	9200	E	DXW.Net
2024 Sep18	2024 Oct01	St Kitts & Nevis	V4	V47JA	NA-104	160-6m	S 8	LoTW	FK87pg	1712	SSE	W5JON
2024 Oct01	2024 Oct12	St Kitts & Nevis	V4	V4/W4AUV	NA-104	40&20m	C	LoTW	FK87pg	1712	SSE	425DXN
2024 Oct01	2024 Oct12	St Kitts & Nevis	V4	V4/K4RLC	NA-104	40&20m	C	LoTW	FK87pg	1712	SSE	425DXN
2024 Sep19	2024 Nov12	Namibia	V5	V51WH		160-10m	S 8 c	DK2WH OQRS	JG88ap	7162	ESE	TDDX
2024 Sep30	2024 Oct11	Namibia	V5	V55LA		80-10m	C S	M00XO	JG87mi	7268	ESE	OPDX
	2024 Nov01	Antarctica	VK0	VK0DS		80-10m		VK2JDS	MC81xr	10214	SSE	ARLD051
2024 Oct31	2024 Nov11	Burkina Faso	XT	XT2MD		80-10m		TBA	IK92mt	4768	E	I8KHC
2024 Aug20	2024 Aug27	Vanuatu	YJ	YJ0VK		40-6m	C 8	LoTW M00XO	RH42ch	8438	W	DXW.Net
2024 Oct16	2024 Oct30	Vanuatu	YJ	YJ0VV	OC-035	80-10m	S	LoTW	RH34lp	8406	W	DXW.net
2024 Sep03	2024 Sep13	Zimbabwe	Z2	Z22AO		80-6m	C S 8	HA5AO OQRS	KH21ww	7533	E	DXW.Net
2024 Oct20	2024 Oct25	Cayman Is	ZF	ZF2XX	NA-016		C 8	LoTW	EK99jh	1484	SSW	DXW.Net
2024 Oct15	2024 Oct31	Chatham Is	ZL7	ZL7IO	OC-038	80-10m		LoTW	AE16ra	8582	WSW	OPDX

October

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2 ARES A nets see page 2	3 HCARC 7pm	4	5 Simulated Emerg. Test; CA QSO Party
6 QSO Party continues	7	8	9 Lic exams; ARES B Nets see page 2	10	11 <i>Yom Kippur begins at sundown</i>	12 NV, AZ, PA & SD QSO Parties
13 QSO Parties continue	14	15	16 ARES Meeting 7 pm	17	18	19 NY QSO Party
20 IL QSO Party	21	22	23 10:00am Fox Hunt; ARES B nets	24	25	26 CQWW SSB Contest
27	28	29	30 Noon HCARC Board lunch; ARES A nets	31 <i>Halloween</i>		
					Updated on	9/19/2024

Thank You All

Many thanks to:

Doug Poray KC2TZC, Larry Puccio K2QDY, Bob Murdock WX2NJ, Mike Larkins WA2CWX, Carl Lee W2PTZ, Bill Feidt NG3K, QRZ.com, and the ARRL.

QSO Party Rules

See *State QSO Parties* at [WA7BNM's Contest Calendar](#) .